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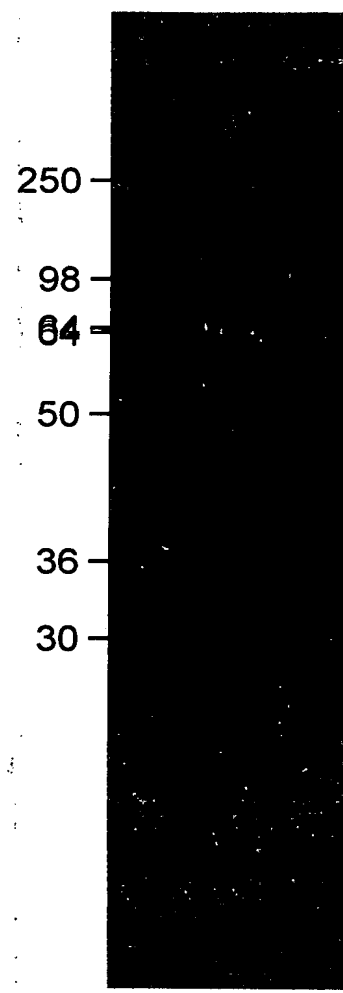


FIG. 1

GGGCAAACTCTTCCCCCGGGATTTATATGGGAAAGGGGAACTTTGGC  
CCGTATTCAAGCGCCACGGGTTTTGGGGCGGAATGAATTTTTTCGTTCCG  
GAAAAAGTAATTCCCCGGGAACGTAGGTATCGGTTTCATAGGCTCGCCA  
AATGGGATATAGGTGGAAGGTAAAAAACTGAGCCAAGCAAAGGATAG  
AGAAGTCTTGTAATCATCGCAGGTTAAAGGGGGGATGTTATTTTAGCCTG  
CAAATAGTGAATTATTGGATCCTGTAAAGAGAAAAGGACGAATGCGCTG  
AAGATAAGAACATTTATTGATATTAAATTATTAATTTTTATGAAGCGGA  
GTAATTAATTTATCTCTCAGCTTTTGTGTGATGCAAACGCTTTCCATA  
AGTTCTTTCTTCAATGATTCTAGCTTATTCTTGCTGCTCTTAAATGGG  
GGGGGATATGCAGCAGAAATCATGGTTCCTCAAGGAATTTACGATGGGGA  
GACGTTAACTGTATCATTTCCCTATACGTATAGGAGATCCGAGTGGGA  
CTACTGTTTTTCTGCAGGAGAGTTAACATTAAAAATCTTGACAATTCT  
ATTGCAGCTTTGCCTTAAGTTGTTTTGGGAACATTATTAGGGAGTTTTAC  
TGTTTTAGGGAGAGGACACTCGTTGACTTTGAGAACATACGGACTTCTA  
CAAATGGGGCAGCTCTAAGTAATAGCGCTGCTGATGGACTGTTTACTATT  
GAGGGTTTTAAAGAATTATCCTTTTCCAATTGCAATTCATTACTTGCCGT  
ACTGCCCTGCTGCAACGACTAATAAGGGTAGCCAGACTCCGACGACAACAT  
CTACACCGTCTAATGGTACTATTTATTCTAAAACAGATCTTTTGTTACTC  
AATAATGAGAAGTTCTCATTCTATAGTAATTTAGTCTCTGGAGATGGGG  
AGCTATAGATGCTAAGAGCTTAACGGTTCAAGGAATTAGCAAGCTTTGTG  
TCTTCCAAGAAAATACTGCTCAAGCTGATGGGGGAGCTTGTCAGTAGTC  
ACCAGTTTCTCTGCTATGGCTAACGAGGCTCCTATTGCCTTTGTAGCGAA  
TGTTGCAGGAGTAAGAGGGGGAGGGATTGCTGCTGTTACAGGATGGGCAGC  
AGGGAGTGTATCATCTACTTCAACAGAAGATCCAGTAGTAAGTTTTTCC  
AGAAATACTCGGTAGAGTTTGATGGGAACGTAGCCCGAGTAGGAGGAGG  
GATTTACTCCTACGGGAACGTTGCTTTCTGAATAATGAAAAACCTTGT  
TTCTCAACAATGTTGCTTCTCCTGTTTACATTGCTGCTAAGCAACCAACA  
AGTGGACAGGCTTCTAATACGAGTAATAATTACGGAGATGGAGGAGCTAT  
CTTCTGTAAGAATGGTGGCAAGCAGGATCCAATAACTCTGGATCAGTTT  
CCTTTGATGGAGAGGGAGTAGTTTTCTTTAGTAGCAATGTAGCTGCTGGG  
AAAGGGGGAGCTATTTATGCCAAAAGCTCTCGGTTGCTAACTGTGGCCC  
TGTACAATTTTAAAGGAATATCGCTAATGATGGTGGAGCGATTTATTTAG  
GAGAATCTGGAGAGCTCAGTTTATCTGCTGATTATGGAGATATTATTTTC

FIG. 2A

GATGGGAATCTTAAAAGAACAGCCAAAGAGAATGCTGCCGATGTTAATGG  
CGTAACTGTGTCTCACAAAGCCATTTTCGATGGGATCGGGAGGGAAAATAA  
CGACATTAAGAGCTAAAGCAGGGCATCAGATTCTCTTTAATGATCCCATC  
GAGATGGCAAACGGAAATAACCAGCCAGCGCAGTCTTCCAAACTTCTAAA  
AATTAACGATGGTGAAGGATACACAGGGGATATTGTTTTTGCTAATGGAA  
GCAGTACTTTGTACCAAAATGTTACGATAGAGCAAGGAAGGATTGTTCTT  
CGTGAAGGCAAAATTATCAGTGAATTCTCTAAGTCAGACAGGTGGGAG  
TCTGTATATGGAAGCTGGGAGTACATGGGATTTTGTAACTCCACAACCAC  
CACAACAGCCTCCTGCCGCTAATCAGTTGATCACGCTTTCCAATCTGCAT  
TTGTCTCTTTCTTCTTTGTTAGCAAACAATGCAGTTACGAATCCTCCTAC  
CAATCCTCCAGCGCAAGATTCTCATCCTGCAGTCATTGGTAGCACAACCTG  
CTGGTCTGTGTACAATTAGTGGGCCTATCTTTTTTGAGGATTGGATGAT  
ACAGCTTATGATAGGTATGATTGGCTAGGTTCTAATCAAAAAATCAATGT  
CCTGAAATTACAGTTAGGGACTAAGCCCCCAGCTAATGCCCCATCAGATT  
TGACTCTAGGGAATGAGATGCCTAAGTATGGCTATCAAGGAAGCTGGAAG  
CTTGCGTGGGATCCTAATACAGCAAATAATGGTCCTTATACTCTGAAAGC  
TACATGGACTAAAACCTGGGTATAATCCTGGGCCTGACCGAGTAGCTTCTT  
TGGTTCCAAATAGTTTATGGGGATCCATTTTAGATATACGATCTGCCAT  
TCAGCAATCAAGCAAGTGTGGATGGGCGCTCTTATTGTGAGGATTATG  
GGTTTCTGGAGTTTGAATTTCTTCTATCATGACCGCGATGCTTTAGGTC  
AGGGATATCGGTATATTAGTGGGGTTATTCCTTAGGAGCAAACCTCCTAC  
TTTGGATCATCGATGTTTGGTCTAGCATTTACCGAAGTATTGGTAGATC  
TAAAGATTATGTAGTGTGCGTTCCAATCATCATGCTTGCATAGGATCCG  
TTTATCTATCTACCCAACAAGCTTTATGTGGATCCTATTTGTTGCGAGAT  
GCGTTTATCCGTGCTAGCTACGGGTTTGGGAATCAGCATATGAAAACCTC  
ATATACATTTGCAGAGGAGAGCGATGTTGTTGGGATAATAACTGTCTGG  
CTGGAGAGATTGGAGCGGGATTACCGATTGTGATTACTCCATCTAAGCTC  
TATTTGAATGAGTTGCGTCCTTTCTGCAAGCTGAGTTTTCTTATGCCGA  
TCATGAATCTTTTACAGAGGAAGGCGATCAAGCTCGGGCATTCAAGAGCG  
GACATCTCCTAAATCTATCAGTTCCTGTTGGAGTGAAGTTTGATCGATGT  
TCTAGTACACATCCTAATAAATATAGCTTTATGGCGGCTTATATCTGTGA  
TGCTTATCGCACCATCTCTGGTACTGAGACAACGCTCCTATCCCATCAAG  
AGACATGGACAACAGATGCCTTTTATTTAGCAAGACATGGAGTTGTGGTT  
AGAGGATCTATGTATGCTTCTCTAACAAGTAATATAGAAGTATATGGCCA  
TGGAAGATATGAGTATCGAGATGCTTCTCGAGGCTATGGTTGAGTGCAG

FIG. 2B

GAAGTAGAGTCCGGTTCTAAAAATATTGGTTAGATAGTTAAGTGTTAGCG  
ATGCCCTTTTCTTTGAGATCTACATCATTTTGTGTTTTAGCTTGTTTGTG  
TTCCTATTGATGGATTCCGAGCTCTCCTCAAGTGTTAACGCCTAATG  
TAACCACTCCTTTAAGGGAGACGATGTTTACTTGAATGGAGACTGCGCT  
TTTGTCAATGTCTATGCAGGAGCTGAAGAAGGTTGATTATCTCAGCTAA  
TGGCGACAATTTAAGGATTACCGGACAAAACCATACATTATCATTTACAG  
ATTCTCAAGGGCCAGTTCTTCAAATTTATGCCCTTCATTTACAGGAGAG  
ACACTTACTCTGAGAGATTTTTCGAGTCTGATGTTCTCGAAAAATGTTTC  
TTGCGGAGAAAAGGAATGATCTCCGGGAAAACCGTGAGTATTTCCGGAG  
CAGGCGAAGTGATTTTCTGGGATAACTCCGTGGGGTATTCTCCTTTATCT  
ACTGTGCCAACCTCATCATCAACTCCGCCTGCTCCAACAGTTAGTGATGC  
TCGGAAAGGGTCTATTTTTCTGTAGAGACTAGTTTGAGATCTCAGGCG  
TCAAAAAGGGGTGATGTTGATAATAATGCCGGGAATTTCCGAACAGTT  
TTTCGAGGTAAGAATAATAATAATGCTGGTGGTGGAGGCAGTGGGTTCCG  
CTACACCATCAAGTACGACTTTTACAGTTAAAACTGTAAAGGAAAAGTT  
TCTTTCACAGATAACGTAGCCTCTTGCGGAGGCGGAGTGGTTTATAAAGG  
CATTGTGCTTTTCAAAGACAATGAAGGAGGCATATTCTTCCGAGGGAACA  
CAGCATACGATGATTTAAGGATTCTTGCTGCTACTAATCAGGATCAGAAT  
ACGGAGACAGGAGGCGGTGGAGGAGTTATTTGCTCTCCAGATGATTCTGT  
AAAGTTTGAAGGCAATAAAGGTTCTATTGTTTTTGATTACAAGTTTGCAA  
AAGGCAGAGGCGGAAGCATCCTAACGAAAGAATTC

FIG. 2C

MQTSFHKFFLSMILAYSCCSLNGGGYAAEIMVPQGIYDGETLTVSFPYTV  
IGDPSGTTVFSAGELTLKNLDNSIAALPLSCFGNLLG\$FTVLGRGHSLTF  
ENIRTSSTNGAALSNSAADGLFTIEGFKELSF S NCNSLLAVLPAATTNKGS  
QTPTTTSTPSNGTIYSKTDLLLLNNEKFSFYSNLVSGDGGAI DAKSLTVQ  
GISKLCVFQENTAQADGGACQVTSFSAMANEAPIAFVANVAGVRGGGIA  
AVQDQGGQVSSSTSTEDPVVSFSRNTAVEFDGNVARVGGGIYSYGNVAF L  
NNGKTLFLNNVASPVYIAAKQPTSCQASNTSNNYGDGGAIFCKNGAQGS  
NNSGSVSFDGEGVFFFSSNVAAGKGGAIYAKKLSVANCGPVQFLRN IAND  
CGATYLGESGELSL S ADYGD I IFDGNLKR TAKEN A ADVNGVT VSSQAISM  
GSGGKITTLRAKAGHQILFNDPIEMANGNNQPAQSSKLLKINDGEGYTG D  
IVFANGSSTLYQNV TIEQGRIVLREKAKLSVNSLSQTGGSLYMEAGSTWD  
FVTPQPPQPPAANQLITLSNLHLSLSSLLANNAVTNPPTNPPAQD SHPA  
VIGSTTAGSVTISGPIFFEDLDDTAYDRYDWLGSNQKINV LKLQLG TKPP  
ANAPSDLTLGNEMPKYGYQGSWKLAWDPNTANNGPYTLKATWTKTGYNPG  
PERVASLVPNSLWGSILDIRSAHSAIQASVDGRSYCRGLWVSGVSNFFYH  
DRDALGQGYRYISGGYSLGANSYFGSSMFGLAFT EVFGRSKDYVVCRSNH  
HACIGSVYLS TQQALCGSYLFGDAFIRASYGFGNQHMKTSYTF AEESDVR  
WDNNCLAGEIGAGLP I VITPSKLYLNELRPFVQAEFSYADHESFTEEGDQ  
ARAFKSGHLLNLSVPVGKFDRCSSSTHPNKYSFMAAYICDAYRTISGTET  
TLLSHQETWTTDAFHLARHG VVVRGSMYASLTSNIEVYGHGRYEYRDASR  
GYGLSAGSRVRF

FIG.3

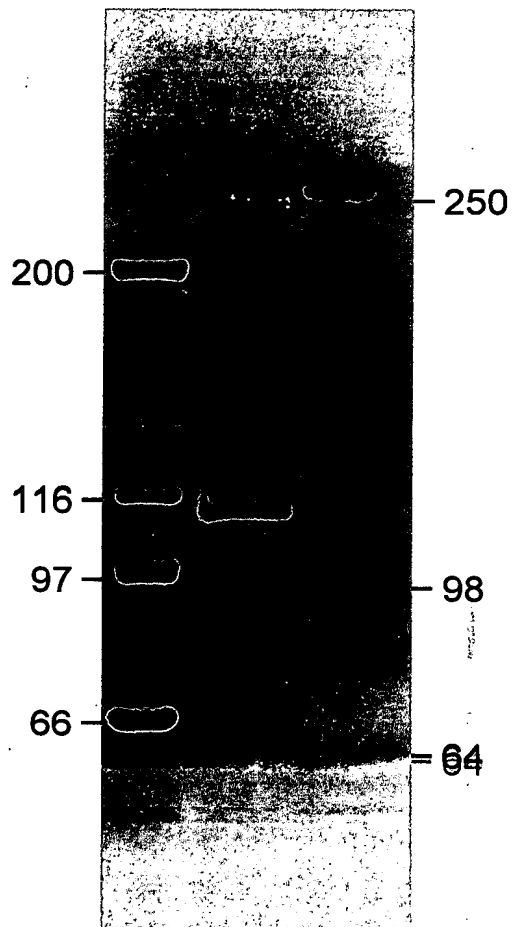


FIG.4

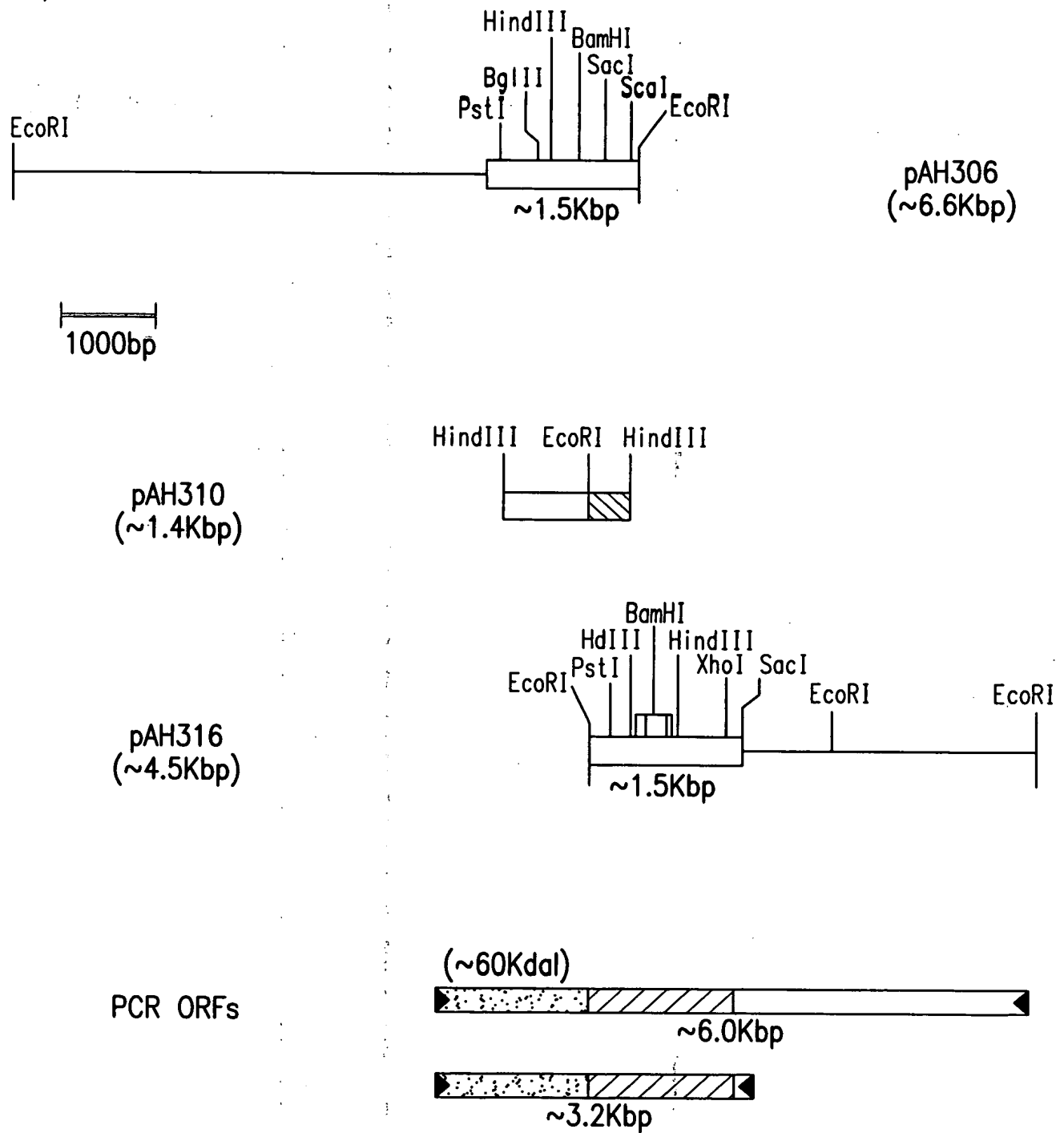


FIG.5

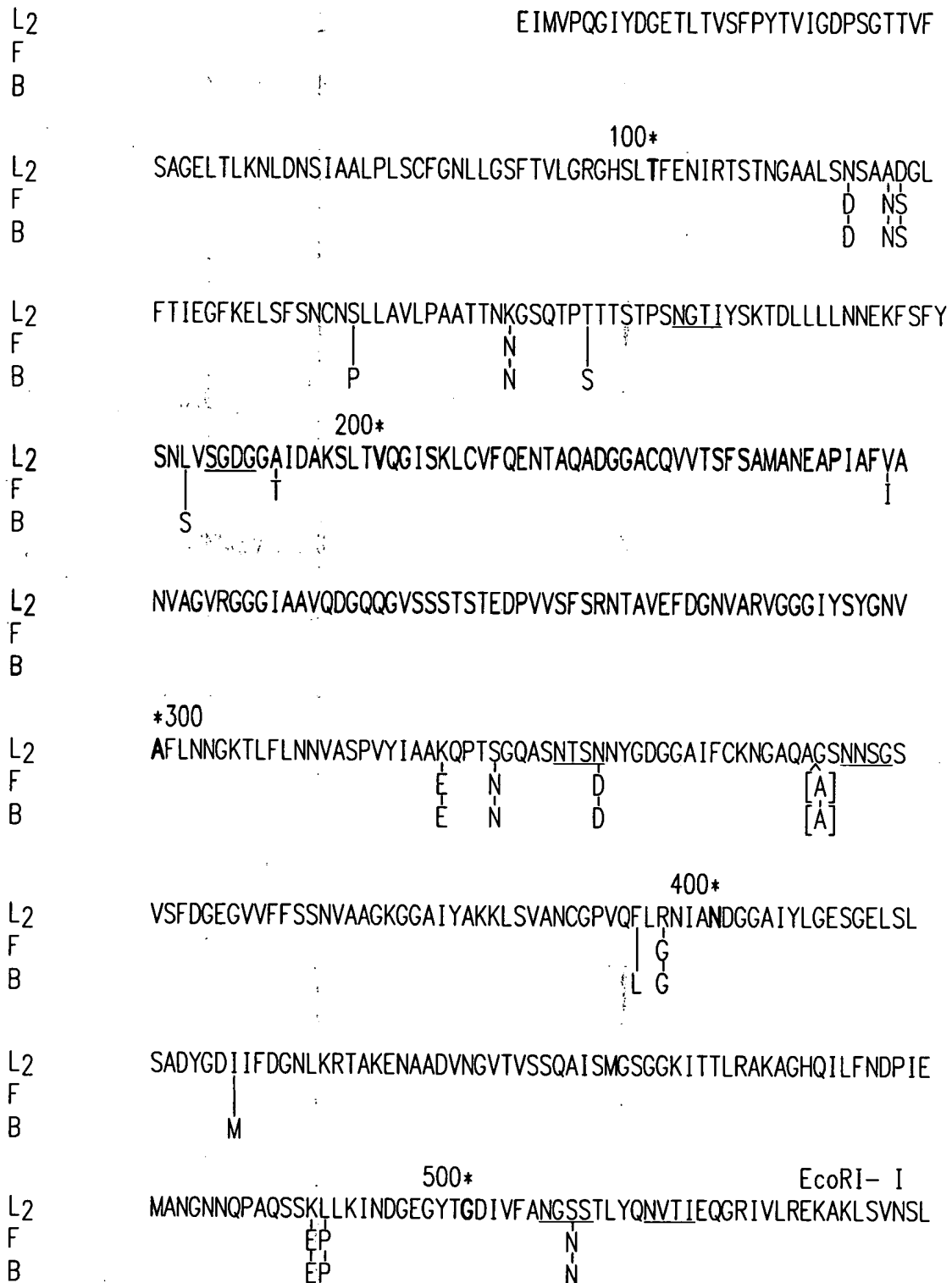


FIG. 6A



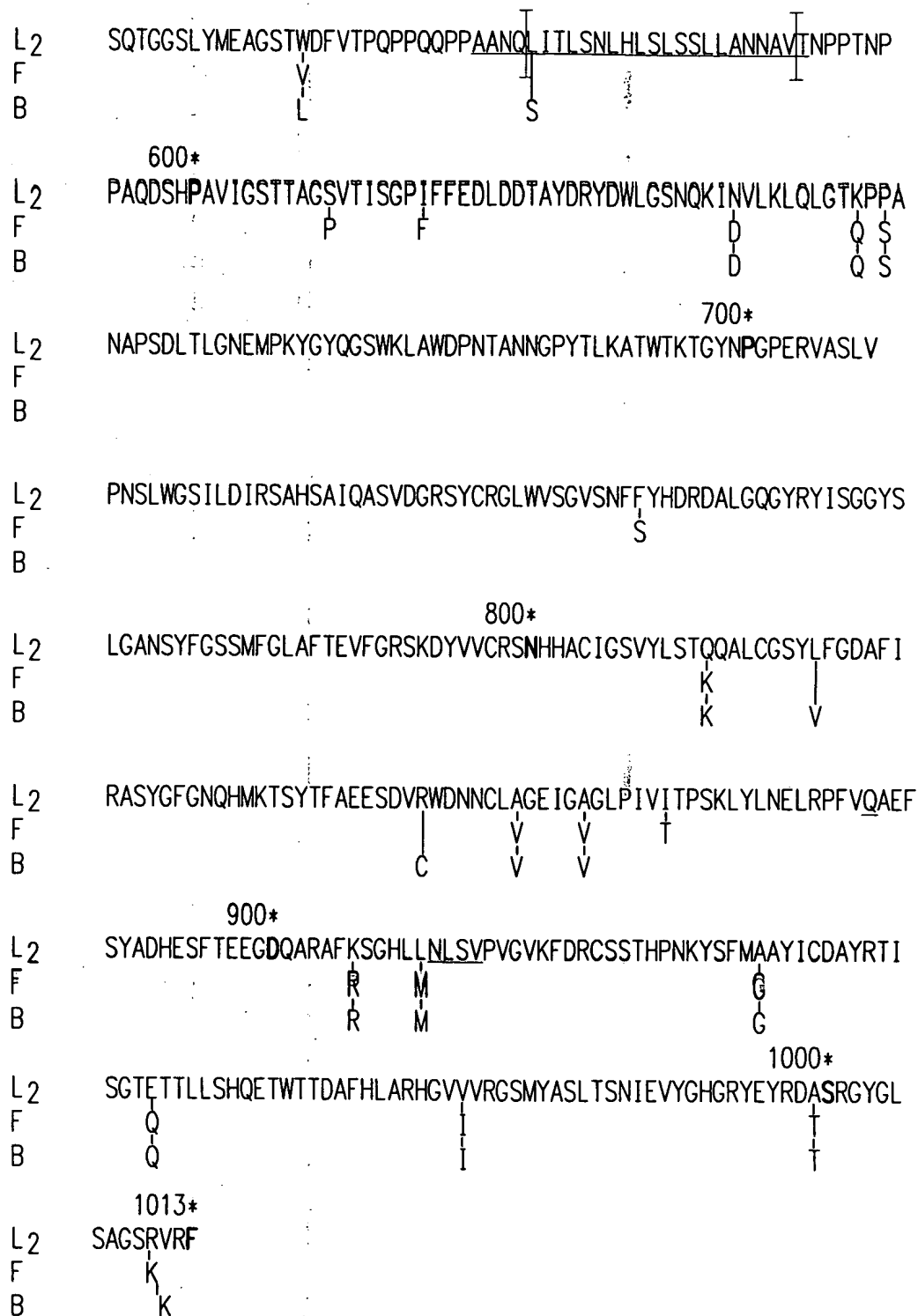
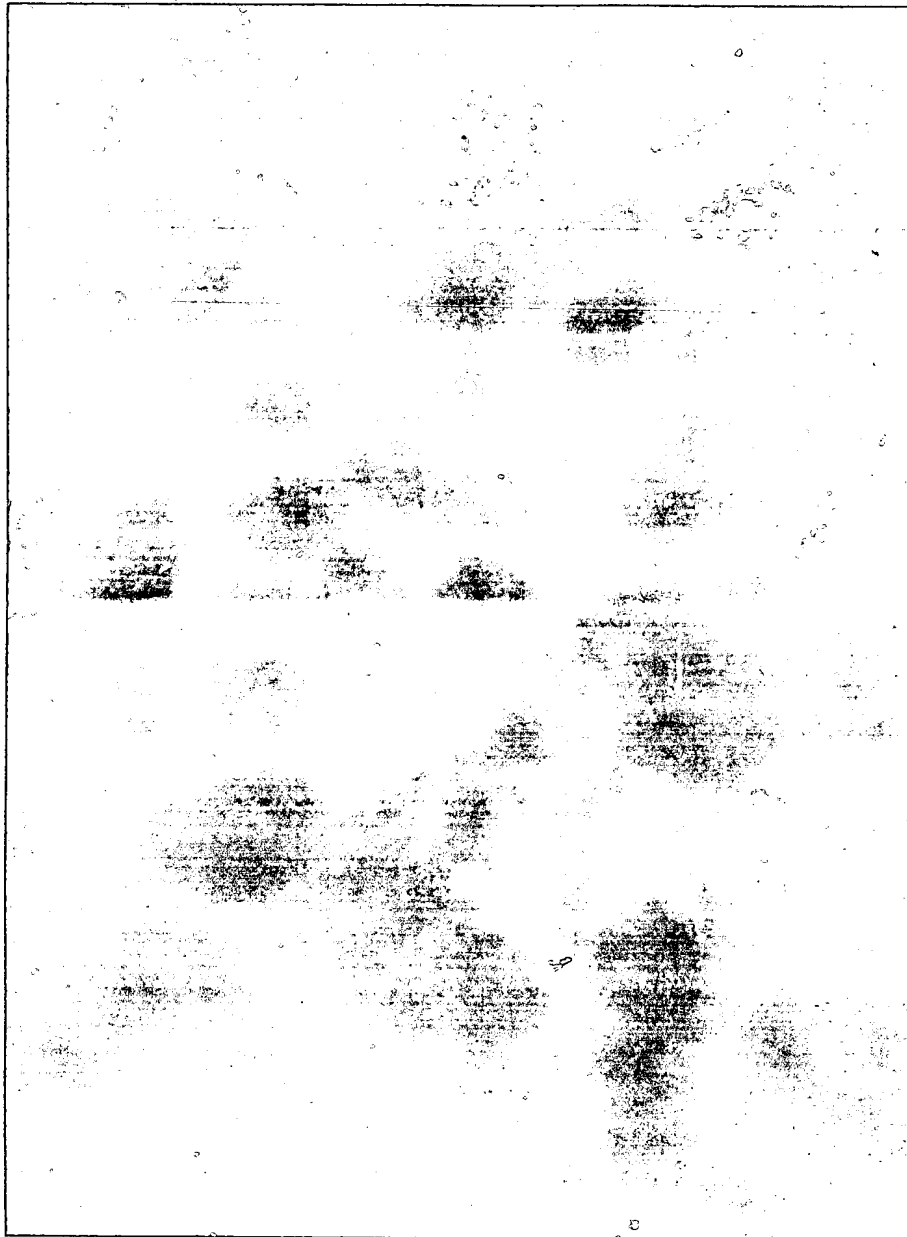
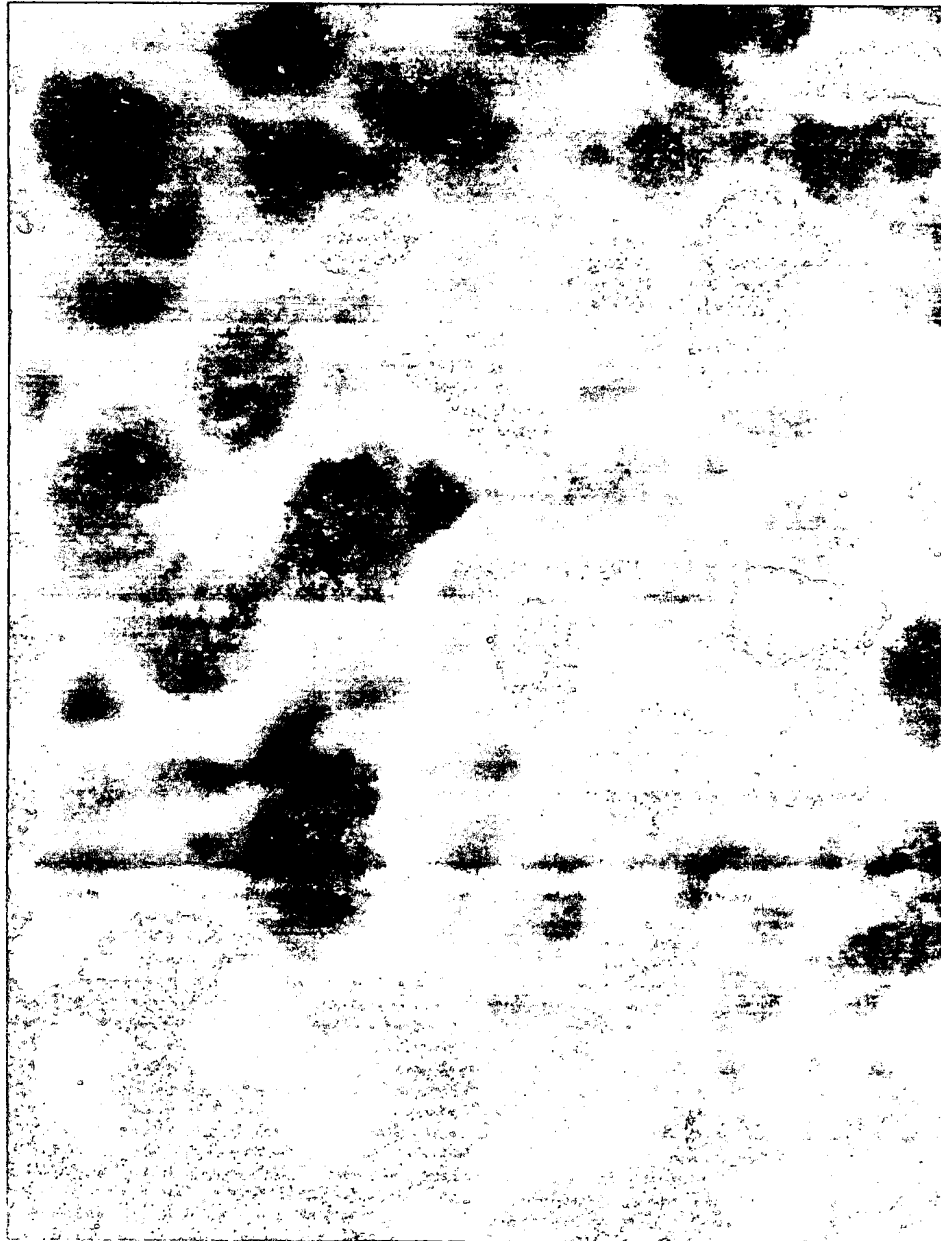


FIG. 6B



**FIG.7A**



**FIG.7B**

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